

ANTI-RESONANT STRUCTURE FOR SPEAKERS

Abstract

5 An anti-resonant structure for speakers includes a resonant structure which has a housing
compartment, at least one elastic element located in the housing compartment that has one end
fastening to the resonant structure and another end coupling with a speaker, and at least one
buffer element located between the resonant structure and the elastic element to serve as a buffer
interface to prevent the speaker from hitting due to elastic element and the resonant structure.
The speaker is the element that generates vibration. The elastic element has an elastic section to
10 absorb the vibration energy generated by the speaker to prevent the resonant structure from
generating unwanted resonance and noises, and prevent electronic elements from being damaged
by the resonant effect.